

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/774,203

DATE: 06/21/2001  
TIME: 17:55:47

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\06212001\I774203.raw

1 <110> APPLICANT: Penn, Sharron G.  
2 Rank, David R.  
3 Hanzel, David K.  
5 <120> TITLE OF INVENTION: METHODS AND APPARATUS FOR PREDICTING, CONFIRMING, AND  
DISPLAYING  
6 FUNCTIONAL INFORMATION DERIVED FROM GENOMIC SEQUENCE  
8 <130> FILE REFERENCE: MDhMORF-1  
10 <140> CURRENT APPLICATION NUMBER: US 09/774,203  
C--> 11 <141> CURRENT FILING DATE: 2001-06-08  
13 <150> PRIOR APPLICATION NUMBER: US 60/180,312  
14 <151> PRIOR FILING DATE: 2000-02-04  
16 <160> NUMBER OF SEQ ID NOS: 6  
18 <170> SOFTWARE: Molecular Dynamics Sequence Listing Engine  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 350  
22 <212> TYPE: DNA  
23 <213> ORGANISM: Homo sapiens  
25 <400> SEQUENCE: 1  
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27 cggaggccag tatgtacaca caaaggggca gcttttattt cttggctctt tcctccttgg 120  
28 acaaagtctt gatgatctcc tccttcttgg cctggagggtg ctcttcatacg ctcttgtgtg 180  
29 ctcccttggt cttagatctg cgggcctcag cctgatcagc caggagctt cttgcggcct 240  
30 tgtctgcctt cagttgtgg atgtttcca tgagaatctg ctgtttttt aacacattcc 300  
31 tcttcacctt cagttacagg ctgtgataca tgcggcgatc aatcttctta 350  
33 <210> SEQ ID NO: 2  
34 <211> LENGTH: 500  
35 <212> TYPE: DNA  
36 <213> ORGANISM: Homo sapiens  
38 <400> SEQUENCE: 2  
39 cagtcacat gggtaacaagg cctgaaacct caaatgtaca tcagaattac ctgtggagtt 60  
40 gttttttttt tttttttttt ttttttgc当地 gcagataaaag gtttatttttta cttaatggc 120  
41 ttagatctatgt aatcacggag gccagttatgt acacacaaaag gggcagctt tattttttgg 180  
42 tctcttcctc cttggacaaa gtcttgatga tctccctt cttggcctgg aggtgcttt 240  
43 catagctttt gtgtgcttcc ttggctttag atctgcgggc ctcagcctga tcagccagga 300  
44 gcttcttgc当地 ggccttgc当地 gccttcagct tttggatgtg ttccatgaga atctgctt 360  
45 ttttaaacac attccttcc accttcaggt acaggctgtg atacatgcgg cgatcaatct 420  
46 tcttagatte acggtatctt ctgagcagcc ggtgcagaat ctcatttctc ctcattccacg 480  
47 tgacccitc tggcattcgg 500  
49 <210> SEQ ID NO: 3  
50 <211> LENGTH: 75  
51 <212> TYPE: DNA  
52 <213> ORGANISM: Homo sapiens  
54 <400> SEQUENCE: 3  
55 tatgttattt tcttatagca acaaaaaata aagatggggt ggagaaatatttata 60  
56 agtattttt taagt 75  
58 <210> SEQ ID NO: 4  
59 <211> LENGTH: 500  
60 <212> TYPE: DNA

ENTERED

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61 <213> ORGANISM: Homo sapiens  
63 <400> SEQUENCE: 4  
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66 aggccctcac tgggtgctag tgccatgctc ttgcacttcc cagcctgcag aactataaga 180  
67 aataaaactta ttttctttat aacttacaca ttatggtat ttcttatacg caacaaaaaa 240  
68 taaagatggg gtggagaaat atatttatacg aaagtatttt tttaagtaaa tgagaaatta 300  
69 gacataatgt ttttactct agagaaattt aaaaacagagc acagcacatc ggataaattc 360  
70 aataactatc ttaagaatca gcaaaacaac atgcagatgg ctgattggca atagttcag 420  
71 taggcagatt ttgattaaaa taaagaaaaa cttttaata attaaacctc tccttaaaac 480  
72 attatgactt tatgaggtaa 500  
74 <210> SEQ ID NO: 5  
75 <211> LENGTH: 125  
76 <212> TYPE: DNA  
77 <213> ORGANISM: Homo sapiens  
79 <400> SEQUENCE: 5  
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81 ctttatctta tcttcataac tcagtgcatttccatca taacaacaga agctgacatt 120  
82 ggagg 125  
84 <210> SEQ ID NO: 6  
85 <211> LENGTH: 500  
86 <212> TYPE: DNA  
87 <213> ORGANISM: Homo sapiens  
89 <400> SEQUENCE: 6  
90 tcatcctaatttataaag cacactacaa tcttaatttta acaatccatt ccaaattcca 60  
91 ataatctcca gtgtttagat attttttcca tacagctaa agtgcacata ttttagacatt 120  
92 tctccaccca tctcccttgc acacgaaaag ttggtaaacg acctcattat actagtagcc 180  
93 tttcatattc ttcatatttta atcactcttta aaccttcttca tcaatcttctt cctcatgttt 240  
94 aatttctccc ttatcttac ttcatataactc agtgcacatttcccttccatca acaacagaag 300  
95 ctgacattgg aggagttatca gccaatgtgtt accgctctt ccctactgtg gtccactgtc 360  
96 acccctaact attttatgaa taggattctt atttttagat aagaaaaacgc agacttggag 420  
97 aggtttagtta agttgccttag gaatgtgaag ctgggggtgtt gcagaagggg gtcgacgtca 480  
98 ggtctggata cctcaccgtg 500

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/09/774,203

DATE: 06/21/2001  
TIME: 17:55:48

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\06212001\I774203.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date